

[illegible]

Db	1381	acggagatttcaactggttgagcaggaaatcgaaacataatagtcoga	1440
Qy	1441	tcggtttactgagtcgttcattattactcgcagctgtttgactcgttggaaggtgtaac	1500
Db	1441	tcggtttactgagtcgttcattattactcgcagctgtttgactcgttggaaggtgtaac	1500
Qy	1501	gagtcgtcaagacaaggtcatctcgagaggtttacttgggttaaacagatctgcaacgttgt	1560
Db	1501	gagtcgtcaagacaaggtcatctcgagaggtttacttgggttaaacagatctgcaacgttgt	1560
Qy	1561	ggcttggatggaccctgacogagttgagcgtcatgaaacgttgagtcagtgagagaacgg	1620
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Qy	1621	gttcgggtctcgtgggtttgcggctgcacataattggttcgaaatcggtttaagcaagcgag	1680
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Qy	1741	tctcatgtgggttggcacacacgacgcgtcatagccactcggttggaaactctccac	1800
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Qy	1861	ccgaagccaaactaaactcactgttttcccctttgctcactgttgaagatcttatctttc	1920
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Qy	1921	attatattaggttaattgaaataatttcaaaattactcacactggc	1964
Db	1921	attatattaggttaattgaaataatttcaaaattactcacactggc	1964

RESULT 2

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US-09-117-853-3
; Sequence 3, Application US/09117853
; Patent No. 6307126
; GENERAL INFORMATION:
; APPLICANT: Harberd, Nicholas P
; APPLICANT: Peng, Jinrong
; APPLICANT: Carol, Pierre
; APPLICANT: Richards, Donald E
; TITLE OF INVENTION: Nucleic acid encoding GAI gene of Arabidopsis thaliana
; FILE REFERENCE: 620-45
; CURRENT APPLICATION NUMBER: US/09/117,853
; CURRENT FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: PCT/GB97/00390
; EARLIER FILING DATE: 1997-02-12
; EARLIER APPLICATION NUMBER: GB 9602796.6
; EARLIER FILING DATE: 1996-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 1643
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-117-853-3

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Query Match      80.5%; Score 1580.4; DB 4; Length 1643;
Best Local Similarity 96.9%; Pred. No. 0;
Matches 1642; Conservative      1; Mismatches      1; Indels      51; Gaps      1;

Qy 59 tagaagtgtgtgagtgaaacaaatcctaagcagtcgtctaaccgcatcccgaaagt 118
1  tgaagatgtgtgagtgaaacaaacaaatcctaagcagtcgtctaaccgcatcccgaaagt 60
Db

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Qy	119	aaagattcttcaocttcccaaaataaagc	aaacctaagattcagacattgaagga	aaaaaact	178
Db	61	aaagattcttcaocttcccaaaataaagc	aaacctaagattcagacattgaagga	aaaaaact	120
Qy	179	tttagatccattctctgaaaaaaac	caacccaatgaagagagatcatcat	catcatca	238
Db	121	tttagatccattctctgaaaaaaac	caacccaatgaagagagatcatcat	catcatca	180
Qy	239	gataagaagactatgatgaaatga	agaagacggttaacggcatggatga	gttctcta	298
Db	181	gataagaagactatgatgaaatga	agaagacggttaacggcatggatga	gttctcta	228
Qy	299	gctgttcttgggtacaagggttag	ggtcatcggaaatgctgttgtctc	agaaaaactc	358
Db	229	-----	-----	-----	249
Qy	359	cagcttgaagttagtgtctaattgt	tcaagaagacgactcttctcaact	ctgactag	418
Db	250	cagcttgaagttagtgtctaattgt	tcaagaagacgactcttctcaact	ctgactag	309
Qy	419	actgttcaactaataatccggcg	ggagctttacaogtggcttgattct	atgtcacacgactt	478
Db	310	actgttcaactaataatccggcg	ggagctttacaogtggcttgattct	atgtcacacgactt	369
Qy	479	aatcctccgtctgaacccgagtag	catcttaagactattccggtagcgt	gaacgattctc	538
Db	370	aatcctccgtctgaacccgagtag	catcttaagactattccggtagcgt	gaacgattctc	429
Qy	539	aatcagttctgactcagattcgg	ctcttcgtctaaccaagcgcg	ggagagatacgtat	598
Db	430	aatcagttctgactcagattcgg	ctcttcgtctaaccaagcgcg	ggagagatacgtat	489
Qy	599	actacaacaagcgggtgaaatg	ctcaacggcgctgtggaacac	ccacacgacgagct	658
Db	490	actacaacaagcgggtgaaatg	ctcaacggcgctgtggaacac	ccacacgacgagct	549
Qy	659	gagtcaactcgcagatgttctc	gtgtgactcgcaggaagacggt	gtgcgtctcgttca	718
Db	550	gagtcaactcgcagatgttctc	gtgtgactcgcaggaagacggt	gtgcgtctcgttca	609
Qy	719	gcgcttttggcttgcgctgaag	ctgttccagaaggagaaactc	gaactgtggtgcggaagctctg	778
Db	610	gcgcttttggcttgcgctgaag	ctgttccagaaggagaaactc	gaactgtggtgcggaagctctg	669
Qy	779	gtgaagcaaatcgattctctag	ctgttctcacaatcgagctatg	agaaaagtcgtact	838
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Qy	839	tacttcgcgaagctctcgcgcg	ggattaccgtctctccgtcgc	agagtgccaatc	898
Db	730	tacttcgcgaagctctcgcgcg	ggattaccgtctctccgtcgc	agagtgccaatc	789
Qy	899	gaccactctctccgatactctc	gacttccagatctcagacactt	cagacttgccttatctca	958
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Qy	959	ttcgctcaactcagcgcgaata	caagcgattctcgaagcttttca	aggaggaagaaagatt	1018
Db	850	ttcgctcaactcagcgcgaata	caagcgattctcgaagcttttca	aggaggaagaaagatt	909
Qy	1019	catgtcaattgatctctatg	atcaggtcttcaatgcccgcgc	cttatcaggtctt	1078
Db	910	catgtcaattgatctctatg	atcaggtcttcaatgcccgcgc	cttatcaggtctt	969
Qy	1079	gcgcttcgaactgggtcgtctc	gttttccgggttaacccgga	atttgggtccacccggacccg	1138
Db	970	gcgcttcgaactgggtcgtctc	gttttccgggttaacccgga	atttgggtccacccggacccg	1029
Qy	1139	gataatttcgattatctcatga	attgaattgggtgtgaagctgg	ctcatattgctgagcgatt	1198
Db	1030	gataatttcgattatctcatga	attgaattgggtgtgaagctgg	ctcatattgctgagcgatt	1089

Qy	1199	caagttgagtttgagttacagagagatttgggttaacactcttagctgatcttggatgctctcg	1250
Db	1090	caagttgagtttgagttacagagagatttgggttaacactcttagctgatcttggatgctctcg	1149
Qy	1259	atgcttgagcttagacacaagtgaattgaatctgttcggttaactctgttttcgagctt	1318
Db	1150	atgcttgagcttagacacaagtgaattgaatctgttcggttaactctgttttcgagctt	1209
Qy	1319	cacaagctcttgggacgacctggtgcgatacgataaggttcttgggttggtgaatcagatt	1378
Db	1210	cacaagctcttgggacgacctggtgcgatacgataaggttcttgggttggtgaatcagatt	1269
Qy	1379	aaacccgagagatttcaactgtggttgagcagaagaatcgaaaccataatagtcgagattttcta	1438
Db	1270	aaacccgagagatttcaactgtggttgagcagaagaatcgaaaccataatagtcgagattttcta	1329
Qy	1439	gatacgtttactgagtcggttgcaattactactcgacgcttggttgactcgttgggaaggtgta	1498
Db	1330	gatacgtttactgagtcggttgcaattactactcgacgcttggttgactcgttgggaaggtgta	1389
Qy	1499	ccgagtggttcaagacaaaggtcattgctcggaaggtttacttgggtaaacagatctgcaacgctt	1558
Db	1390	ccgagtggttcaagacaaaggtcattgctcggaaggtttacttgggtaaacagatctgcaacgctt	1449
Qy	1559	gtggcttgatgagacctgacgagttgagcgtctgataagacgcttgagtcagtgaggaac	1618
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Qy	1619	cgggttcggtctgctgggttttcggtcgacacataattggtcgaatgcggtttaagcaagcg	1678
Db	1510	cgggttcggtctgctgggttttcggtcgacacataattggtcgaatgcggtttaagcaagcg	1569
Qy	1679	agtagcttttggctctgttccaacgcggtgaggggttatcgggttggaagagagtgacggc	1738
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Qy	1739	tgctcattgttggg	1752
Db	1630	tgctcattgttggg	1643
RESULT 3			
US-09-117-853-5			
; Sequence 5, Application US/09117853			
; Patent No. 6307126			
; GENERAL INFORMATION:			
; APPLICANT: Harberd, Nicholas P			
; APPLICANT: Peng, Jinrong			
; APPLICANT: Carol, Pierre			
; APPLICANT: Richards, Donald E			
; TITLE OF INVENTION: Nucleic acid encoding GAI gene of Arabidopsis thaliana			
; FILE REFERENCE: 620-45			
; CURRENT APPLICATION NUMBER: US/09/117,853			
; CURRENT FILING DATE: 1998-08-12			
; EARLIER APPLICATION NUMBER: PCT/GB97/00390			
; EARLIER FILING DATE: 1997-02-12			
; EARLIER APPLICATION NUMBER: GB 9602796.6			
; EARLIER FILING DATE: 1996-02-12			
; NUMBER OF SEQ ID NOS: 12			
; SOFTWARE: PatentIn Ver. 2.0			
; SEQ ID NO 5			
; LENGTH: 1642			
; TYPE: DNA			
; ORGANISM: Arabidopsis thaliana			
US-09-117-853-5			

Query Match	79.9%;	Score 1570;	DB 4;	Length 1642;
Best Local Similarity	96.9%;	Pred. No. 0;		

Qy 59 tagaagtggtagtgagtgaaaaaacaataatcctaagcagtcctaaccgatccccgaagct 118

Qy	59	tagaagttggttagtggagtgaaaaaacaatacttaagcagtgcttaacccgatccccgaagct	118
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Qy	119	aaagattcttcaacttcccaataaagcaaaaacctagatccgacaattgaaggaataaacct	178
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Db	121	tttagatccactctctgaataaaaaaaccaatgaagagagatcatcatcatcatcaaa	180
Qy	239	gataagaagactatgatgatgaatgaagaagacgcggttaacgcgatggatgagcttcta	298
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Qy	299	gcgtgtcttggttacaaggttaggttcacgcgaaatggctgattgttgcctcagaataactgag	358
Db	229	-----gattgtgcctcagaataactgag	24
Qy	359	cagcttgaagttatgattgttctaatttcaagaagacgactcttctcaactcgcctactgag	418
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Qy	419	actgttcaactataatccgcgcgagctttacacgttggttgattcttatgtctcacgcgaactt	478
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Db	550	gattcaactcgcgatattctcgttgaactcgcagagagaacggtgtcgtctcgttcac	609
Qy	719	gcgcttttggcttcgcgtgaagctgtcagaagagaaatctgactgtgcgggaagctctg	778
Db	610	gcgcttttggcttcgcgtgaagctgtcagaagagaaatctgactgtgcgggaagctctg	669
Qy	779	gtgaagcaaatcggattcttagctgtttctcaaatcggagctatgagaaaagtcgctact	838
Db	670	gtgaagcaaatcggattcttagctgtttctcaaatcggagctatgagaaaagtcgctact	729
Qy	839	tacttcgcgaagctctcgcgcgcggatttaccgtctctcgtcgcagagtcacaac	898
Db	730	tacttcgcgaagctctcgcgcgcggatttaccgtctctcgtcgcagagtcacaac	789
Qy	899	gacactctctccgatactctcagatgcactctcagagacttgccttatctcaag	958
Db	790	gacactctctccgatactctcagatgcactctcagagacttgccttatctcaag	849
Qy	959	ttcgtctcaacttcacgcgcgaatacgaagattctcgaagcttttcaagggaagaaaagatt	1018
Db	850	ttcgtctcaacttcacgcgcgaatacgaagattctcgaagcttttcaagggaagaaaagatt	909
Qy	1019	catgtcatgtattctctatgagtcaaggcttcaatggccgcgcgttatgcaggtcttt	1078
Db	910	catgtcatgtattctctatgagtcaaggctt-----gggcgcttatgcaggtcttt	962
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Db	963	gcgcttcgacctgggtggtcctcgttttccggtttaaccggaattggttcacccgcgacccg	1022
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RESULT 6

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1  RESULT
2  6
3  US-08-232-463-14
4  : Sequence 14, Application US/08232463
5  : Patent No. 5670367
6  :
7  : GENERAL INFORMATION:
8  :
9  : APPLICANT: DORNER, F.
10 : APPLICANT: SCHEIFLINGER, F.
11 : APPLICANT: FALKNER, F. G.
12 :
13 : TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
14 :
15 : NUMBER OF SEQUENCES: 52
16 :
17 : CORRESPONDENCE ADDRESS:
18 :
19 : ADDRESSEE: Foley & Lardner
20 : STREET: 1800 Diagonal Road, Suite 500
21 : CITY: Alexandria
22 : STATE: VA
23 :
24 : COUNTRY: USA
25 : ZIP: 22313-0299
26 :
27 : COMPUTER READABLE FORM:
28 :
29 : MEDIUM TYPE: Floppy disk
30 :
31 : COMPUTER: IBM PC compatible
32 :
33 : OPERATING SYSTEM: PC-DOS/MS-DOS
34 :
35 : SOFTWARE: PatentIn Release #1.0, Version #1.25
36 :
37 : CURRENT APPLICATION DATA:
38 :
39 : APPLICATION NUMBER: US/08/232,463
40 :
41 : FILING DATE:
42 :
43 : CLASSIFICATION: 435
44 :
45 : PRIOR APPLICATION DATA:
46 :
47 : APPLICATION NUMBER: US/07/9935,313
48 :
49 : FILING DATE:

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;
; FILING DATE: July 17, 1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6218521man D. Hanson
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5499 - JEL/NDH/SLH
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3441 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-896-164-85

Query Match 1.8%; Score 35.2; DB 4; Length 3441;
Best Local Similarity 53.7%; Pred. No. 0.63;
Matches 73; Conservative 0; Mismatches 63; Indels 0; Gaps 0;

Qy 136 ccaataaagcaaaccttagatcgacattgaaggaaaaaccttttagatccatctctga 195
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Db 2824 ACAATCTAAACCTTGAGGTGATATGAAGGAACCAACATCAAGAAAGAAACCAATT 2765

Qy 256 gatgaatgaagaagac 271
Db 2764 CAGAAATGAAGAAAC 2749

RESULT 12
US-08-104-073-2/c
; Sequence 2, Application US/08104073
; Patent No. 5589610
; GENERAL INFORMATION:
; APPLICANT: De Beuckeleer, Marc
; APPLICANT: Herdies, Lydia
; APPLICANT: Gossele, Veronique
; APPLICANT: Marlana, Celestina
; TITLE OF INVENTION: Stamen-Specific Promoters from Corn
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 5589610west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/104,073
; FILING DATE: 05-AUG-1993
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/EP92/00275
; FILING DATE: 05-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 91401787.6
; FILING DATE: 28-JUN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 91400300.9
; FILING DATE: 07-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kowalchuk, Katherine M.
```

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;
; REGISTRATION NUMBER: 36,848
; REFERENCE/DOCKET NUMBER: 8076.92USWO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 796 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: Corn
; TISSUE TYPE: anther
; IMMEDIATE SOURCE:
; LIBRARY: cDNA designated as CA455
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2..388
; OTHER INFORMATION: /function= "Open Reading Frame 1"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 70..369
; OTHER INFORMATION: /function= "Open Reading Frame 2"
US-08-104-073-2

Query Match 1.7%; Score 34; DB 1; Length 796;
Best Local Similarity 54.9%; Pred. No. 0.55;
Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

Qy 10 ttttttctataacctctctctctattttacaattttgttatttagaagtgga 69
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Qy 70 gtgagtgaaaaaataatccttaagcagtcctaacccgcatccccaagctaaagattcttc 129
Db 702 TTGCAATTAAAACTGCGAGCGCATCTATCCATCGCTCGCTCGATCAAAATGACTTGC 643

Qy 130 ac 131
Db 642 AC 641

RESULT 13
US-09-352-159-39
; Sequence 39, Application US/09352159A
; Patent No. 6211434
; GENERAL INFORMATION:
; APPLICANT: DuVick, Jonathan P.
; APPLICANT: Gilliam, Jacob T.
; APPLICANT: Maddox, Joyce R.
; TITLE OF INVENTION: Amino Polyol Amine Oxidase
; FILE REFERENCE: 1134
; CURRENT APPLICATION NUMBER: US/09/352.159A
; CURRENT FILING DATE: 1999-07-12
; EARLIER APPLICATION NUMBER: 60/092,936
; EARLIER FILING DATE: 1998-07-25
; EARLIER APPLICATION NUMBER: 60/135,391
; EARLIER FILING DATE: 1999-05-21
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 1930
; TYPE: DNA
; ORGANISM: Exophiala spinifera
; FEATURE:
; NAME/KEY: intron
; LOCATION: (739)....(811)
; NAME/KEY: intron
; LOCATION: (1134)....(1187)
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